

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/768,996 A
Source: IFWO
Date Processed by STIC: 1-3-05

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IFWO

RAW SEQUENCE LISTING

DATE: 01/03/2005

PATENT APPLICATION: US/10/768,996A

TIME: 15:34:12

Input Set : N:\FATIMA\10768996.txt

Output Set: N:\CRF4\01032005\J768996A.raw

```

3 <110> APPLICANT: Srivastava, Suresh C.
4     Sit, Kwok-Hung
5     Bajpai, Satya P.
7 <120> TITLE OF INVENTION: Novel Oligonucleotides and Related Compounds
9 <130> FILE REFERENCE: CHMG-10
11 <140> CURRENT APPLICATION NUMBER: 10/768,996A
12 <141> CURRENT FILING DATE: 2004-01-30
14 <150> PRIOR APPLICATION NUMBER: 60/525691
15 <151> PRIOR FILING DATE: 2003-11-28
17 <160> NUMBER OF SEQ ID NOS: 10
19 <170> SOFTWARE: PatentIn version 3.3
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 13
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
28 <221> NAME/KEY: misc_feature
29 <222> LOCATION: (3)..(11)
30 <223> OTHER INFORMATION: Each n represents any nucleotide, which can be the same or
31     different from other nucleotides that are labeled "n"
33 <400> SEQUENCE: 1
W--> 34 gcnnnnnnnnn ngc                                     13
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 5
39 <212> TYPE: DNA
40 <213> ORGANISM: Homo sapiens
43 <220> FEATURE:
44 <221> NAME/KEY: misc_feature
45 <222> LOCATION: (3)..(3)
46 <223> OTHER INFORMATION: n can represent any nucleotide. Per specification, maximum
number of ns
47     can not be specified.
50 <400> SEQUENCE: 2
W--> 51 gcngc                                             5
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 5
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Synthetic
63 <220> FEATURE:
64 <221> NAME/KEY: misc_feature
65 <222> LOCATION: (3)..(3)
66 <223> OTHER INFORMATION: n can represent any nucleotide. Per specification, maximum

```

number of ns

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67      can not be specified.
69 <400> SEQUENCE: 3
W--> 70 cgncgc 5
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 6
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Synthetic
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: (3)..(4)
85 <223> OTHER INFORMATION: Each n represents any nucleotide, which can be the same or
86      different from other nucleotides that are labeled "n"
88 <400> SEQUENCE: 4
W--> 89 gcnnngc 6
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 8
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetic
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (3)..(6)
104 <223> OTHER INFORMATION: Each n represents any nucleotide, which can be the same or
105      different from other nucleotides that are labeled "n"
107 <400> SEQUENCE: 5
W--> 108 gcnnnnngc 8
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 13
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Synthetic
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (3)..(11)
123 <223> OTHER INFORMATION: Each n represents any nucleotide, which can be the same or
124      different from other nucleotides that are labeled "n"
126 <400> SEQUENCE: 6
W--> 127 gcnnnnnnnnn ngc 13
130 <210> SEQ ID NO: 7
131 <211> LENGTH: 6
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Synthetic
139 <220> FEATURE:

```

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140 <221> NAME/KEY: modified_base
141 <222> LOCATION: (1)..(1)
142 <223> OTHER INFORMATION: n represents 2'-deoxy, 2',2'-difluorocytidine
145 <400> SEQUENCE: 7
W--> 146 nggacg 6
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 9
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Synthetic
158 <220> FEATURE:
159 <221> NAME/KEY: modified_base
160 <222> LOCATION: (1)..(1)
161 <223> OTHER INFORMATION: n represents 2'-deoxy, 2',2'-difluorocytidine
165 <400> SEQUENCE: 8
W--> 166 ngtggaacg 9
169 <210> SEQ ID NO: 9
170 <211> LENGTH: 13
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetic
178 <220> FEATURE:
179 <221> NAME/KEY: modified_base
180 <222> LOCATION: (1)..(1)
181 <223> OTHER INFORMATION: n represents 2'-deoxy, 2',2'-difluorocytidine
184 <400> SEQUENCE: 9
W--> 185 nggacgtgga acg 13
188 <210> SEQ ID NO: 10
189 <211> LENGTH: 13
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Synthetic
197 <220> FEATURE:
198 <221> NAME/KEY: modified_base
199 <222> LOCATION: (1)..(1)
200 <223> OTHER INFORMATION: n represents 2'-deoxy, 2',2' difluorocytidine
204 <400> SEQUENCE: 10
W--> 205 nggagctgga acg 13

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/768,996ADATE: 01/03/2005
TIME: 15:34:13Input Set : N:\FATIMA\10768996.txt
Output Set: N:\CRF4\01032005\J768996A.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 3,4,5,6,7,8,9,10,11
Seq#:2; N Pos. 3
Seq#:3; N Pos. 3
Seq#:4; N Pos. 3,4
Seq#:5; N Pos. 3,4,5,6
Seq#:6; N Pos. 3,4,5,6,7,8,9,10,11
Seq#:7; N Pos. 1
Seq#:8; N Pos. 1
Seq#:9; N Pos. 1
Seq#:10; N Pos. 1

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:3; Line(s) 66

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10

VERIFICATION SUMMARY

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Input Set : N:\FATIMA\10768996.txt

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L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0